

**NOISE CONTROL & ACOUSTICS DIVISION REPORT
ENVIRONMENT & TRANSPORTATION GROUP
OPERATING BOARD MEETING
IMEC 2003 18 November 2003**

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Summary of NCAD Activities

At IMEC 2003, NCAD has organized 12 sessions. One of these sessions is a tutorial on Modern Theoretical and Experimental Modal Analysis given by Dr. Jerry Ginsberg. Another session is a report from 3 government representatives (NSF, NASA, Navy) and from our technical committees on trends in noise control and acoustics. Another session is a panel on creation of a FAA center of excellence for aircraft noise. Mardi Hastings has organized another 6 sessions on transportation noise for the transportation track. All are aimed at providing meaningful broad technology dissemination to our membership, particularly for industry members. A best paper award is also being presented.

The Rayleigh Lecture at IMEC 2003 will be presented by Dr. Earl G. Williams from the Naval Research Laboratory entitled, "Fourier Acoustics: Uncovering the Origins of Sound." Dr. Gary Koopmann chairs the Per Bruel Gold Medal nominating committee. Dr. David Feit, Naval Surface Warfare Center, Carderock Division, is the 2003 recipient.

The technical committees each have second year chairs that are aggressively pursuing new areas of interest for their members. They are also each trying to make connections with other divisions to co-sponsor symposia. The current technical committees are: Active Noise Control, Aero and Hydro Acoustics, Structural Acoustics, and Transportation Noise.

The Executive Committee has had extensive discussions of how NCAD will react to the ASME BOG and Council on Engineering re-organization effort. An assessment of competing organizations and conferences has been done. A strategic plan was developed for NCAD and approved in March 2003. The NCAD Executive Committee endorses NCAD joining an Applied Engineering Unit

The NCAD web site continues to be well received by members. Dr. Lonny Thompson has taken this responsibility over from Dr. Ted Farabee.

NCAD continues to support the ASME Journal on Vibration and Acoustics. NCAD's has two associate editors. Dr. Jerry Ginsberg is on a leave due to illness. Despite this effort, no funds are received by NCAD.

A division newsletter was issued by Dr. Sean Wu this summer. Another is being worked on now. The intention is to have 2 per year. One may be electronic.

Membership in NCAD is 697 primary members as of 31 October. This is 34 more than last year at this time. Two new ASME Fellow were named in NCAD this year. They are Dr. Ted Farabee and Dr. Marty Pollack.

The custodial fund is at \$16,582.85 as of 31 August 2003. This is within a few dollars of the balance as of 30 September 2003. The lack of income is a significant issue. We have minimized all costs for the IMEC this year except for awards. There is no Wine and Cheese Reception nor refreshments at committee meetings. A celebratory dinner at a Washington restaurant will mark 25 years since the initial organizational efforts for NCAD. We tried to organize this through ASME but the cost (\$60 plus wine) became prohibitive.

Plans for next year

1. 12 sessions including one tutorial and the Rayleigh Lecture are planned for IMECE 2004.
2. A business plan continues to be formulated for NCAD.
3. Participation in the International Design Engineering Conferences is still being explored with the Design Engineering Division.
4. The Honors and Awards committee will strive to prepare nominations for 2 new Fellows.